

Amendment to the Abstract

Replace the abstract with the following paragraph:

A method for data processing, to be run on a data processing device, for the mapping of input data to output data. Data objects are entered as input data and processed by a topology-preserving mapping. The method includes ordering of neurons in the ordering space according to a given pattern, assigning of codebook objects in the outcome space to the neurons processing of codebook objects according to the topology-preserving mapping by use of data objects of the exploration space, and output of the processed codebook objects as output data. At least a part of the entered data objects are used to determine the order of neurons in the ordering space, and/or are used as data objects of the exploration space.